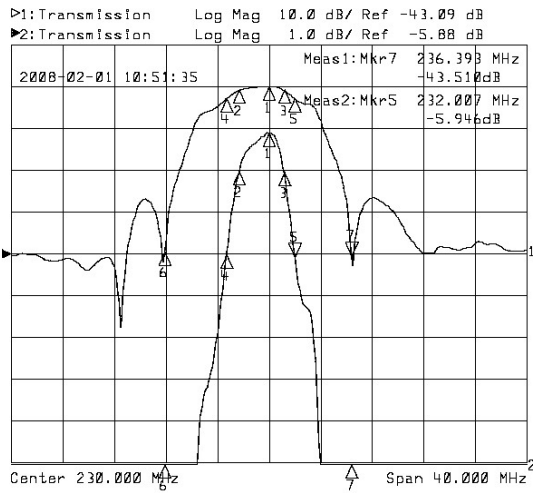


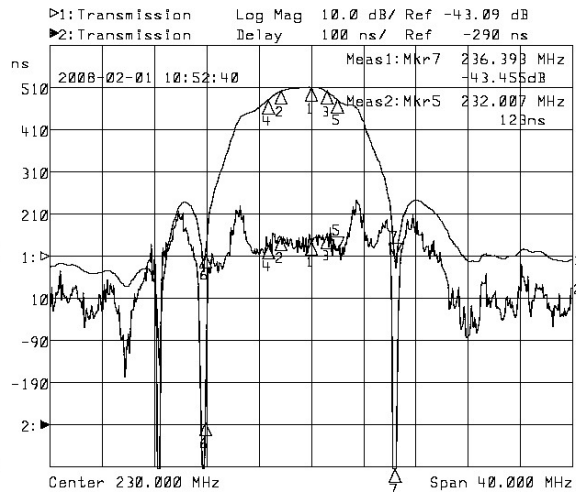
# 230MHz Low-loss filter

## Part Number 230042L

### Typical Performance



Horizontal: 4MHz/Div  
Vertical: 1dB/Div&10dB/Div

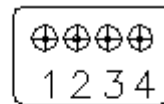
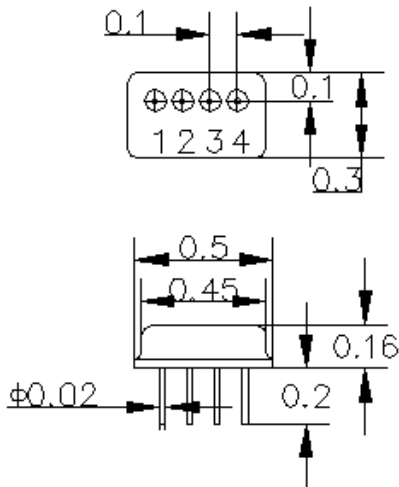


Horizontal: 4MHz/Div  
Vertical: 100nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	299.50	230.00	230.50
Insertion Loss at $F_0$	dB		2.90	3.00
1 dB Bandwidth	MHz	3.45	3.55	
3 dB Bandwidth	MHz	5.20	5.30	
40dB Bandwidth	MHz		14.40	14.55
Passband Variation	dB		0.10	0.20
Group Delay Variation	nsec		30	50
Absolute Delay	usec		0.145	
Ultimate Rejection	dB	25	27	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package SB-7



SB-7 IN (OUT) : 1  
 OUT (IN) : 4  
 GND : 2, 3